

AMENDMENTS TO THE CLAIMS

1. Canceled

2. Canceled

3. (currently amended) A method of high-speed bag manufacturing, comprising the step of:

a. bringing into contact an edge of at least one first open thermoplastic fabric section, and an edge of at least one second open thermoplastic fabric section with at least one film section to form a prepared sheet, said at least one film section selected from the group consisting of polyolefin films, and films sealable to open thermoplastic fabric,

wherein said prepared sheet is ~~capable of being~~ V-folded along a central axis to form a closed butt end, and wherein opposing overlapping edges of said prepared sheet are ~~capable of being~~ sealed via a thermoplastic sealing strip to form a bag having at least one opening.

4. (previously presented) The method of Claim 3, wherein said edge of said at least one first open thermoplastic fabric section and said edge of said at least one second open thermoplastic fabric section are heat sealed to opposing edges of said at least one film section.

5. (previously presented) The method of Claim 3, wherein said at least one first open thermoplastic fabric section comprises a width at least equal to a combined width of said at least one film section and said at least one second open thermoplastic fabric section, such that said central axis is disposed on said at least one first open thermoplastic fabric section.

6. (previously presented) The method of Claim 3, wherein said at least one first open thermoplastic fabric section and said at least one second open thermoplastic fabric section are a cross-laminated thermoplastic nonwoven net-like fabric.

7. (previously presented) The method of Claim 3, wherein said at least one film section is a polymeric film capable of receiving print thereon to permit said at least one film section to serve as a label section for said bag.

8. (previously presented) The method of Claim 3, wherein said opposing overlapping edges of said prepared sheet are sealed via a first said thermoplastic sealing strip and a second said thermoplastic sealing strip.

9. (previously presented) The method of Claim 8, wherein said first thermoplastic sealing strip and said second thermoplastic sealing strip are carried by opposing edges of said at least one first open thermoplastic fabric section, extending

perpendicularly from said central axis through a remaining width of said at least one first open thermoplastic fabric section.

10. (previously presented) The method of Claim 9, wherein V-folding of said prepared sheet along said central axis results in said first thermoplastic sealing strip and said second thermoplastic sealing strip sealing said opposing overlapping edges of said prepared sheet upon application of heat and pressure thereto.

11. (currently amended) A method of high-speed bag manufacturing, comprising the steps of:

a. bringing into contact an edge of at least one first open thermoplastic fabric section, and an edge of at least one second open thermoplastic fabric section with at least one film section to form a prepared sheet, said at least one film section selected from the group consisting of polyolefin films, and films sealable to open thermoplastic fabric, wherein said prepared sheet is ~~capable of being~~ V-folded along a central axis to form a closed butt end, and wherein opposing overlapping edges of said prepared sheet are ~~capable of being~~ sealed to form a bag having at least one opening; and

b. sealing said opposing overlapping edges of said prepared sheet via a sealing means, said sealing means comprising a first thermoplastic sealing strip and a second thermoplastic sealing strip.

12. (previously presented) The method of Claim 11, wherein said edge of said at least one first open thermoplastic fabric section and said edge of said at least one second open thermoplastic fabric section are heat sealed to opposing edges of said at least one film section.

13. (previously presented) The method of Claim 11, wherein said at least one first open thermoplastic fabric section comprises a width at least equal to a combined width of said at least one film section and said at least one second open thermoplastic fabric section, such that said central axis is disposed on said at least one first open thermoplastic fabric section.

14. (previously presented) The method of Claim 11, wherein said at least one first open thermoplastic fabric section and said at least one second open thermoplastic fabric section are a cross-laminated thermoplastic nonwoven net-like fabric.

15. (previously presented) The method of Claim 11, wherein said at least one film section is a polymeric film capable of receiving print thereon to permit said at least one film section to serve as a label section for said bag.

16. Canceled

17. (previously presented) The method of Claim .11, wherein said first thermoplastic sealing strip and said second thermoplastic sealing strip are carried by opposing edges of said at least one first open thermoplastic fabric section, extending perpendicularly from said central axis through a remaining width of said at least one first open thermoplastic fabric section.

18. (previously presented) The method of Claim 17, wherein V-folding of said prepared sheet along said central axis results in said first thermoplastic sealing strip and said second thermoplastic sealing strip sealing said opposing overlapping edges of said prepared sheet upon application of heat and pressure thereto.

19. (currently amended) A method of high-speed bag manufacturing, comprising the step of:

a. bringing into contact an edge of at least one first open thermoplastic fabric section, and an edge of at least one second open thermoplastic fabric section with at least one film section to form a prepared sheet, said at least one film section selected from the group consisting of polyolefin films, and films sealable to open thermoplastic fabric, wherein said at least one first open thermoplastic fabric section comprises a width at least equal to a combined width of said at least one film section and said at least one second open thermoplastic fabric section such that a central axis is disposed on said at least one first open thermoplastic fabric section, and

wherein said prepared sheet is ~~capable of being~~ V-folded along said central axis to form a closed, butt end, and wherein opposing overlapping edges of said prepared sheet are ~~capable of being~~ sealed via a thermoplastic sealing strip to form a bag having at least one opening.

20. (previously presented) The method of Claim 19, wherein said edge of said at least one first open thermoplastic fabric section and said edge of said at least one second open thermoplastic fabric section are heat sealed to opposing edges of said at least one film section.

21. (previously presented) The method of Claim 19, wherein said at least one first open thermoplastic fabric section and said at least one second open thermoplastic fabric section are a cross-laminated thermoplastic nonwoven net-like fabric.

22. (previously presented) The method of Claim 19, wherein said at least one film section is a polymeric film capable of receiving print thereon to permit said at least one film section to serve as a label section for said bag.

23. (previously presented) The method of Claim 19, wherein said opposing overlapping edges of said prepared sheet are sealed via a first said thermoplastic sealing strip and a second said thermoplastic sealing strip.

24. (previously presented) The method of Claim 23, wherein said first thermoplastic sealing strip and said second thermoplastic sealing strip are carried by opposing edges of said at least one first open thermoplastic fabric section, extending perpendicularly from said central axis through a remaining width of said at least one first open thermoplastic fabric section.

25. (previously presented) The method of Claim 24, wherein V-folding of said prepared sheet along said central axis results in said first thermoplastic sealing strip and said second thermoplastic sealing strip sealing said opposing overlapping edges of said prepared sheet upon application of heat and pressure thereto.

26. (currently amended) A method of high-speed bag manufacturing, comprising the step of:

a. bringing into contact an edge of at least one first continuous stream of open thermoplastic fabric, and an edge of at least one second continuous stream of open thermoplastic fabric with at least one continuous stream of film to form a bag stock, said at least one continuous stream of film selected from the group consisting of polyolefin films, and films sealable to open thermoplastic fabric,

wherein said bag stock is ~~capable of being~~ V-folded along a longitudinally disposed central axis to form a continuous, closed butt end, and wherein said bag stock is ~~capable of being~~ transversely sealed via a plurality of thermoplastic sealing strips, and cut, at pre-selected distances to form bags having at least one opening.

27. (previously presented) The method of Claim 26, wherein said edge of said at least one first continuous stream of open thermoplastic fabric and said edge of said at least one second continuous stream of open thermoplastic fabric are heat sealed to opposing edges of said at least one continuous stream of film.

28. (previously presented) The method of Claim 26, wherein said at least one first continuous stream of open thermoplastic fabric comprises a width at least equal to a combined width of said at least one continuous stream of film and said at least one second continuous stream of open thermoplastic fabric, such that said central axis is disposed on said at least one first continuous stream of open thermoplastic fabric.

29. (previously presented) The method of Claim 26, wherein said at least one first continuous stream of open thermoplastic fabric and said at least one second continuous stream of open thermoplastic fabric are a cross-laminated thermoplastic nonwoven net-like fabric.

30. (previously presented) The method of Claim 26, wherein said at least one continuous stream of film is a polymeric film capable of receiving print thereon to permit said at least one continuous stream of film to serve as a label section for said bag.

31. (previously presented) The method of Claim 26, wherein said plurality of thermoplastic sealing strips are carried by and transversely positioned at regular intervals along a longitudinal direction of said at least one first continuous stream of open thermoplastic fabric, extending perpendicularly from said central axis through a remaining width of said at least one first continuous stream of open thermoplastic fabric, such that said bags cut from said bag stock each comprise at least one first thermoplastic sealing strip and at least one second thermoplastic sealing strip positioned at opposite edges thereof.

32. (previously presented) The method of Claim 31, wherein application of heat and pressure to V-folded said bag stock results in said plurality of thermoplastic sealing strips being transversely sealed across V-folded said bag stock.

33. (previously presented) The method of Claim 31, wherein each thermoplastic sealing strip of said plurality of thermoplastic sealing strips comprise a width at least equal to a combined width of said at least one first thermoplastic sealing strip and said at least one second thermoplastic sealing strip such that transverse cutting of said bag stock along each said thermoplastic sealing strip of said plurality of thermoplastic sealing strips yields said at least one first thermoplastic sealing strip for a first cut said bag, and said at least one second thermoplastic sealing strip for a second cut said bag.

34. (currently amended) A method of high-speed bag manufacturing, comprising the steps of:

a. bringing into contact an edge of at least one first continuous stream of open thermoplastic fabric, and an edge of at least one second continuous stream of open thermoplastic fabric with at least one continuous stream of film to form a bag stock, said at least one continuous stream of film selected from the group consisting of polyolefin films, and films sealable to open thermoplastic fabric, wherein said bag stock is ~~capable of being~~ V-folded along a longitudinally disposed central axis to form a continuous, closed butt end, and wherein said bag stock is ~~capable of being~~ transversely sealed and cut at pre-selected distances to form bags having at least one opening; and

b. sealing V-folded said bag stock at said pre-selected distances via a sealing means, said sealing means comprising a plurality of thermoplastic sealing strips, wherein said bags cut from said bag stock each comprise a first thermoplastic sealing strip and a second thermoplastic sealing strip positioned at opposite edges thereof.

35. (previously presented) The method of Claim 34, wherein said edge of said at least one first continuous stream of open thermoplastic fabric and said edge of said at least one second continuous stream of open thermoplastic fabric are heat sealed to opposing edges of said at least one continuous stream of film.

36. (previously presented) The method of Claim 34, wherein said at least one first continuous stream of open thermoplastic fabric comprises a width at least equal to a combined width of said at least one continuous stream of film and said at least one second continuous stream of open thermoplastic fabric, such that said central axis is disposed on said at least one first continuous stream of open thermoplastic fabric.

37. (previously presented) The method of Claim 34, wherein said at least one first continuous stream of open thermoplastic fabric and said at least one second continuous stream of open thermoplastic fabric are a cross-laminated thermoplastic nonwoven net-like fabric.

38. (previously presented) The method of Claim 34, wherein said at least one continuous stream of film is a polymeric film capable of receiving print thereon to permit said at least one continuous stream of film to serve as a label section for said bag.

39. (previously presented) The method of Claim 34, wherein said plurality of thermoplastic sealing strips are carried by and transversely positioned at regular intervals along a longitudinal direction of said at least one first continuous stream of open thermoplastic fabric, extending perpendicularly from said central axis through a remaining width of said at least one first continuous stream of open thermoplastic fabric.

40. (previously presented) The method of Claim 39, wherein application of heat and pressure to V-folded said bag stock results in said plurality of thermoplastic sealing strips being transversely sealed across V-folded said bag stock.

41. (previously presented) The method of Claim 39, wherein each thermoplastic sealing strip of said plurality of thermoplastic sealing strips comprise a width at least equal to a combined width of said first thermoplastic sealing strip and said second thermoplastic sealing strip such that transverse cutting of said bag stock along each said thermoplastic sealing strip of said plurality of thermoplastic sealing strips yields said first thermoplastic sealing strip for a first cut said bag, and said second thermoplastic sealing strip for a second cut said bag.

42. (currently amended) A method of high-speed bag manufacturing, comprising the step of:

a. bringing into contact an edge of at least one first continuous stream of open thermoplastic fabric, and an edge of at least one second continuous stream of open thermoplastic fabric with at least one continuous stream of film to form a bag stock, said at least one continuous stream of film selected from the group consisting of polyolefin films, and films sealable to open thermoplastic fabric, wherein said at least one first continuous stream of open thermoplastic fabric comprises a width at least equal to a combined width of said at least one continuous stream of film and said at least one second continuous stream of open thermoplastic fabric such that a central

axis is longitudinally disposed on said at least one first continuous stream of open thermoplastic fabric, and

wherein said bag stock is ~~capable of being~~ V-folded along said central axis to form a continuous, closed butt end, and wherein said bag stock is ~~capable of being~~ transversely sealed via a plurality of thermoplastic sealing strips, and cut, at pre-selected distances to form bags having at least one opening.

43. (previously presented) The method of Claim 42, wherein at least one edge of said at least one first continuous stream of open thermoplastic fabric and at least one edge of said at least one second continuous stream of open thermoplastic fabric are heat sealed to opposing edges of said at least one continuous stream of film.

44. (previously presented) The method of Claim 42, wherein said at least one first continuous stream of open thermoplastic fabric and said at least one second continuous stream of open thermoplastic fabric are a cross-laminated thermoplastic nonwoven net-like fabric.

45. (previously presented) The method of Claim 42, wherein said at least one continuous stream of film is a polymeric film capable of receiving print thereon to permit said at least one continuous stream of film to serve as a label section for said bag.

46. (previously presented) The method of Claim 42, wherein said plurality of thermoplastic sealing strips are carried by and transversely positioned at regular intervals along a longitudinal direction of said at least one first continuous stream of open thermoplastic fabric, extending perpendicularly from said central axis through a remaining width of said at least one first continuous stream of open thermoplastic fabric, such that said bags cut from said bag stock each comprise at least one first thermoplastic sealing strip and at least one second thermoplastic sealing strip positioned at opposite edges thereof.

47. (previously presented) The method of Claim 46, wherein application of heat and pressure to V-folded said bag stock results in said plurality of thermoplastic sealing strips being transversely sealed across V-folded said bag stock.

48. (previously presented) The method of Claim 46, wherein each thermoplastic sealing strip of said plurality of thermoplastic sealing strips comprise a width at least equal to a combined width of said at least one first thermoplastic sealing strip and said at least one second thermoplastic sealing strip such that transverse cutting of said bag stock along each said thermoplastic sealing strip of said plurality of thermoplastic sealing strips yields said at least one first thermoplastic sealing strip for a first cut said bag, and said at least one second thermoplastic sealing strip for a second cut said bag.